

APR 26 2004

PART B - FEE(S) TRANSMITTAL

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000110 7590 01/23/2004

DANN, DORFMAN, HERRELL & SKILLMAN
 1601 MARKET STREET
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 PHILADELPHIA, PA 19103-2307

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 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Patrick J. Hagan	(Depositor's name)
<i>Patrick J. Hagan</i>	(Signature)
April 23, 2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/041,821	10/19/2001	Christopher T. Culbertson	1875-P02617US0	4567

TITLE OF INVENTION: MICROFLUIDIC SYSTEMS AND METHODS OF TRANSPORT AND LYSIS OF CELLS AND ANALYSIS OF CELL LYSATE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	04/23/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
NOGUEROLA, ALEXANDER STEPHAN	1753	204-453000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	Dann, Dorfman, Herrell & Skillman, P.C. 2 _____ 3 _____
<input type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.		
<input type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.		

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

UT-Battelle, LLC

Oak Ridge, Tennessee

Please check the appropriate assignee category or categories (will not be printed on the patent): individual corporation or other private group entity government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

Issue Fee
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 Advance Order - # of Copies 10

A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 04-1406 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) *Patrick J. Hagan* (Date) April 23, 2004

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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1. 04/27/2004 EEKUBAY2 00000050 10041821

01 FC:1501	1330.00	OP
02 FC:1504	300.00	OP
03 FC:8001	30.00	OP

TRANSMIT THIS FORM WITH FEE(S)



DANN, DORFMAN, HERRELL AND SKILLMAN

A PROFESSIONAL CORPORATION

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PHONE (215) 563-4100 • FAX (215) 563-4044

April 23, 2004

Last Name of First Named Inventor:

Christopher T. Culbertson et al.

BOX ISSUE FEE

Application No. 10/041,821

Allowed: January 23, 2004

Atty. Docket No. 1875-P02617US0

Filed: October 19, 2001

CONFIRMATION NO.: 4567

For: Microfluidic Systems and Methods of
Transport and Lysis of cells and
Analysis of Cell Lysate

Certification of Mailing Under 37 CFR §1.8(a)

I hereby certify that this correspondence is being deposited on April 23, 2004 with the United States Postal Service as first class mail in an envelope addressed to COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450.

Caren Burgoon
Caren Burgoon

TO THE COMMISSIONER FOR PATENTS:

SUBMISSION OF ISSUE FEE

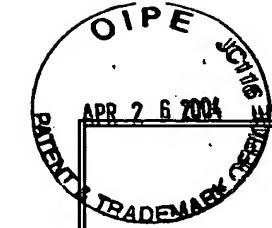
The above-identified application has been allowed. In response to the Notice of Allowability dated January 23, 2004 enclosed are the following:

1. A copy of form PTOL-85B with authorization to charge Deposit Account No. 04-1406.
2. Check in the amount of \$1,660.00, in payment of the issue fee and the cost of ten (10) advance copies.

Respectfully submitted,

DANN, DORFMAN, HERRELL AND SKILLMAN
A Professional Corporation
Attorneys for Applicant

By Patrick J. Hagan
Patrick J. Hagan
PTO Registration No. 27,643



FEE TRANSMITTAL

TOT. AMT. OF PAYMENT: (1) + (2) + (3) = \$ 1,660.00

Complete if known

Application Number: 10/041,821

Filing Date: October 19, 2001

First Named Inventor: Christopher T. Culbertson et al.

Title: MICROFLUIDIC SYSTEMS AND METHODS OF TRANSPORT
AND LYSIS OF CELLS AND ANALYSIS OF CELL LYSATE

Our File No.: 1875-P02617US0

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																									
1. The Commissioner is hereby authorized to: <input type="checkbox"/> Charge indicated fees <input checked="" type="checkbox"/> Charge additional fees <input checked="" type="checkbox"/> Credit overpayments		3. ADDITIONAL FEES Fee Description Fee Paid Surcharge-late filing fee or oath _____ Surcharge - late provisional filing fee or cover sheet _____ Non-English specification _____ For filing a request for reexamination _____ Requesting publication of SIR prior to Examiner action _____ Requesting publication of SIR after Examiner action _____ Extension for response within first month _____ Extension for response within second month _____ Extension for response within third month _____ Extension for response within fourth month _____ Notice of Appeal _____ Filing a brief in support of an appeal _____ Request for oral hearing _____ Petition to institute a public use proceeding _____ Petition to revive unavoidably abandoned application _____ Petition to revive unintentionally abandoned application _____ Issue fee \$1,330.00 Advance Order (10 copies) \$30.00 Publication Fee \$300.00 Petitions to the Commissioner _____ Petitions related to provisional applications _____ Submission of Information Disclosure Stmt. _____ Recording each patent assignment per property (times number of properties) _____ Filing a submission after final rejection (37 CFR 1.129(a)) _____ For each additional invention to be examined (37 CFR 1.129(b)) _____ Other fee (specify) _____																									
FEE CALCULATION 1. FILING FEE <table> <thead> <tr> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Utility filing fee</td> <td>_____</td> </tr> <tr> <td>Design filing fee</td> <td>_____</td> </tr> <tr> <td>Plant filing fee</td> <td>_____</td> </tr> <tr> <td>Reissue filing fee</td> <td>_____</td> </tr> <tr> <td>Provisional filing fee</td> <td>_____</td> </tr> <tr> <td colspan="2">SUBTOTAL (1) \$ 0.00</td> </tr> </tbody> </table>		Fee Description	Fee Paid	Utility filing fee	_____	Design filing fee	_____	Plant filing fee	_____	Reissue filing fee	_____	Provisional filing fee	_____	SUBTOTAL (1) \$ 0.00													
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2. CLAIMS <table> <thead> <tr> <th>Extra</th> <th>Fee</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims Presented</td> <td>20</td> <td>0 x 9.00/18.00 = _____ (a)</td> </tr> <tr> <td>Independent Claims Presented</td> <td>3</td> <td>0 x 42.00/84.00 = _____ (b)</td> </tr> <tr> <td>Multiple Dependent Claim (first presentation)</td> <td>_____</td> <td>= 0</td> </tr> <tr> <td colspan="2">(a) Enter 20 or number previously paid for</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">(b) Enter 3 or number previously paid for</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">SUBTOTAL (2) \$ 0.00</td> <td colspan="2">SUBTOTAL (3) \$1,660.00</td> </tr> </tbody> </table>		Extra	Fee	Fee Paid	Total Claims Presented	20	0 x 9.00/18.00 = _____ (a)	Independent Claims Presented	3	0 x 42.00/84.00 = _____ (b)	Multiple Dependent Claim (first presentation)	_____	= 0	(a) Enter 20 or number previously paid for				(b) Enter 3 or number previously paid for				SUBTOTAL (2) \$ 0.00		SUBTOTAL (3) \$1,660.00			
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Submitted By:

Typed or

Printed Name Patrick J. Hagan Reg. Number 27,643

Signature Patrick J. Hagan

Date April 23, 2004

Deposit Account User ID
04-1406